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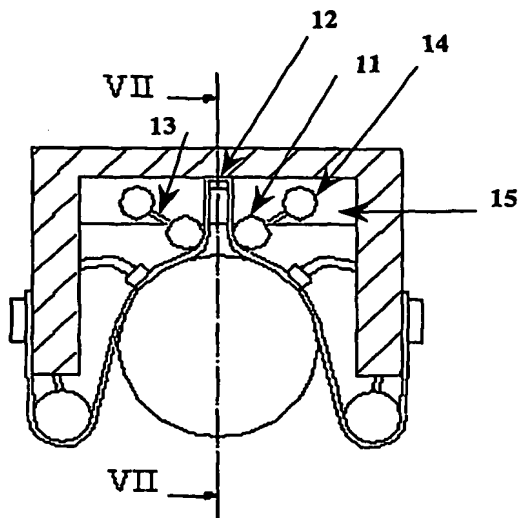
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(54) Title: FOIL BEARING



(57) Abstract: The present invention relates to a new kind of foil bear-
ing. The present invention relates to a bearing comprising a flexible foil
(1) with a self-aligning mechanism (5, 11). The present invention fur-
thermore relates to a foil bearing enabling a linear and/or rotary move-
ment along/around an axis (i.e. a shaft). The present invention also
relates to a foil gas/air bearing with a self-aligning mechanism (5, 11).
The present invention furthermore relates to the use of said foil bearing
in machines, more specifically in precision and/or high-speed machines
and in high-speed precision spindles.

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